

**Case 3148****CLARIIDAE Kutikova, Markevich & Spiridonov, 1990 (Rotifera):  
proposed emendment of spelling to CLARIAIDAE to remove homonymy  
with CLARIIDAE Bonaparte, 1846 (Osteichthyes, Siluriformes)**

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**Abstract.** The purpose of this application is to remove the homonymy between the family-group names CLARIIDAE Kutikova, Markevich & Spiridonov, 1990 (Rotifera) and CLARIIDAE Bonaparte, 1846 (Osteichthyes). Both names are currently in use and refer respectively to a single rotifer genus and a large group of air breathing catfishes. It is proposed that the homonymy be removed by changing the spelling of the rotifer family-group name by adopting the full genus name as the stem, giving the corresponding family-group name CLARIAIDAE Kutikova, Markevich & Spiridonov, 1990. The fish name CLARIIDAE Bonaparte, 1846 would remain unchanged.

**Keywords.** Nomenclature; taxonomy; Rotifera; Osteichthyes; CLARIIDAE; CLARIAIDAE; *Clarias*; *Claria*; air breathing (labyrinth) catfishes; rotifers.

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1. The family name CLARIIDAE was first established by Bonaparte (1846, p. 5) for a group of air breathing freshwater catfishes from tropical Africa and Asia. It is based on the genus *Clarias* Scopoli, 1777 (p. 455) (ex Gronovius, 1763, p. 100; the work of Gronovius was rejected by the Commission in Opinion 261, 1954). Scopoli spelled the name as *Chlarias*, but the spelling *Clarias* has been universally used (Eschmeyer, 1998, p. 1895) and is deemed correct under Article 33.3.1 of the Code. The type species is *Silurus anguillaris* Linnaeus, 1758 (p. 305) by subsequent designation of Teugels & Roberts (1987, p. 96). The stem CLARI- has been used to form the family name CLARIIDAE; the family contains about 15 genera and numerous species.

2. Kutikova, Markevich & Spiridonov (1990, p. 118) established the family CLARIIDAE for their genus *Claria* (Rotifera), based on the single species *C. segmentata* (p. 120). *C. segmentata* was discovered in the intestine of *Pheretima modiglianii* (Rosa, 1899) (Oligochaeta) from Vietnam.

3. The family-group names established by Bonaparte, 1846 (Osteichthyes) and Kutikova, Markevich & Spiridonov, 1990 (Rotifera) are homonyms under Article 53.1 of the Code. Both family-group names are currently in use. In accordance with Article 55.3.1 of the Code I propose that the homonymy be removed by emending the stem of the junior name from CLARI- to CLARIA-, thereby changing the rotifer family-group name to CLARIAIDAE; the fish name CLARIIDAE Bonaparte, 1846 would remain unchanged.

4. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to use its plenary power to rule that for the purposes of Article 29 of the Code the stem of the generic name *Claria* Kutikova, Markevich & Spiridonov, 1990 is CLARIA-;
- (2) to place on the Official List of Generic Names in Zoology the name *Claria* Kutikova, Markevich & Spiridonov, 1990 (gender: feminine), type species by monotypy *Claria segmentata* Kutikova, Markevich & Spiridonov, 1990 (Rotifera);
- (3) to place on the Official List of Specific Names in Zoology the name *segmentata* Kutikova, Markevich & Spiridonov, 1990 as published in the binomen *Claria segmentata* (specific name of the type species of *Claria* Kutikova, Markevich & Spiridonov, 1990) (Rotifera);
- (4) to place on the Official List of Family-Group Names in Zoology the name CLARIAIDAE Kutikova, Markevich & Spiridonov, 1990, type genus *Claria* Kutikova, Markevich & Spiridonov, 1990 (spelling emended by the ruling in (1) above) (Rotifera);
- (5) to place on the Official Index of Rejected and Invalid Family-Group Names in Zoology the name CLARIIDAE Kutikova, Markevich & Spiridonov, 1990 (spelling emended to CLARIAIDAE by the ruling in (1) above).

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